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P57025**IN THE CLAIMS**

Pursuant to 37 CFR §121(c), the claim listing, including the text of the claims, will serve to replace all prior versions of the claims, in the application.

Please cancel claims 1 thru 33 without prejudice or disclaimer, and add claims 34 thru 48 as follows:

Claims 1-33. (Cancelled)

1 34. (New) A system for operating wired and wireless phone services
2 interconnectively, the system comprising:

3 a wired exchange connected to a public switched telephone network (PSTN), for
4 providing a wired phone service;

5 a mobile gateway connected to the wired exchange for assigning virtual wired
6 phone numbers to a plurality of mobile communication terminals, for providing a public
7 wired phone service to the mobile communication terminals by linking the virtual wired
8 phone numbers with mobile identifier numbers (MINs) of the mobile communication
9 terminals, and for distributing a call to a wired terminal and then to a wireless terminal
10 when it is determined that a phone number received from the wired exchange is a
11 simultaneously called phone number; and

12 a private base station controller (pBSC) connected to the mobile gateway and a
13 public land mobile network (PLMN) for providing a mobile communication service to the
14 mobile communication terminals through a private base station transceiver system
15 (pBTS).

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1 35. (New) The system according to claim 34, wherein the mobile gateway calls a
2 mobile communication terminal corresponding to the virtual wired phone number when
3 receiving an incoming call containing the virtual wired phone number through the wired
4 exchange.

1 36. (New) The system according to claim 34, wherein the mobile gateway
2 comprises a database for storing, for each arbitrary wired phone number, information
3 indicating whether or not each of the wired phone numbers is a virtual phone number and
4 information about whether or not a multiple terminating service is registered.

1 37. (New) The system according to claim 36, wherein the mobile gateway
2 simultaneously calls a wired terminal corresponding to the wired phone number and the
3 mobile communication terminal when the wired phone number is registered with the
4 multiple terminating service and is called.

1 38. (New) The system according to claim 34, wherein the pBSC comprises a
2 database for storing the virtual wired phone number assigned to each of the mobile
3 communication terminals and the MIN of the mobile communication terminal
4 corresponding to the virtual wired phone number.

1 39. (New) The system according to claim 34, wherein the mobile gateway assigns
2 an extension subscriber line card (SLC) of a wired phone connected to a trunk thereof
3 with the SLC thereof, and connects the assigned extension SLC to a plurality of wired
4 terminals.

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1 40. (New) The system according to claim 34, wherein, when receiving a request
2 for an outgoing service from an internal mobile communication terminal, the mobile
3 gateway changes caller identification (CID) to the virtual wired phone number assigned
4 to the internal mobile communication terminal, and calls a called terminal via the PSTN.

1 41. (New) A method for operating wired and wireless phone services
2 interconnectively, the method comprising the steps of:

3 assigning, by a mobile gateway, virtual wired phone numbers to a plurality of
4 mobile communication terminals;

5 providing, by the mobile gateway, a public wired phone service to the mobile
6 communication terminals by linking the virtual wired phone numbers with mobile
7 identifier numbers (MINs) of the mobile communication terminals;

8 determining whether a called phone number received by a wired exchange is a
9 wired subscriber phone number when a subscriber terminal calls a wired phone number;

10 analyzing, by the mobile gateway, the phone number received from the wired
11 exchange to determine whether the phone number is a simultaneously called phone
12 number; and

13 distributing, by the mobile gateway, the call to a wired terminal and then to a
14 wireless terminal when it is determined that the phone number is the simultaneously
15 called phone number.

1 42. (New) The method according to claim 41, wherein in the step of providing the
2 public wired phone service, when a called number containing an incoming call received
3 through a wired exchange is a virtual wired phone number, the mobile gateway transmits
4 the incoming call to the mobile communication terminal corresponding to the virtual
5 wired phone number.

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1 43. (New) The method according to claim 41, further comprising the step of
2 providing the mobile gateway with a database for storing, for each arbitrary wired phone
3 number, information indicating whether or not each of the wired phone numbers is a
4 virtual phone number and information about whether or not a multiple terminating
5 service is registered.

1 44. (New) The method according to claim 43, further comprising the step of
2 simultaneously calling, by the mobile gateway, a wired terminal corresponding to the
3 wired phone number and the mobile communication terminal when the wired phone
4 number registered with the multiple terminating service is called.

1 45. (New) The method according to claim 44, further comprising the step of
2 rerouting, by the mobile gateway, an incoming call to one of a public switched telephone
3 network (PSTN) and a public land mobile network (PLMN) when the called wired
4 terminal and the mobile communication terminal make no response.

1 46. (New) The method according to claim 41, further comprising the step of, when
2 the mobile gateway receives a request for an outgoing service from an internal mobile
3 communication terminal, changing, by the mobile gateway, a caller identification (CID)
4 to the virtual wired phone number assigned to the internal mobile communication
5 terminal, and calling a called terminal via the public switched telephone network (PSTN).

1 47. (New) The method according to claim 46, further comprising the step of
2 performing, by billing equipment existing at a central office of the PSTN, billing of
3 communication between the internal mobile communication terminal and a called

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4 external terminal.

1 48. (New) The method according to claim 46, further comprising the step of
2 performing, by the mobile gateway, billing of communication between the internal
3 mobile communication terminal and a called extension subscriber terminal.